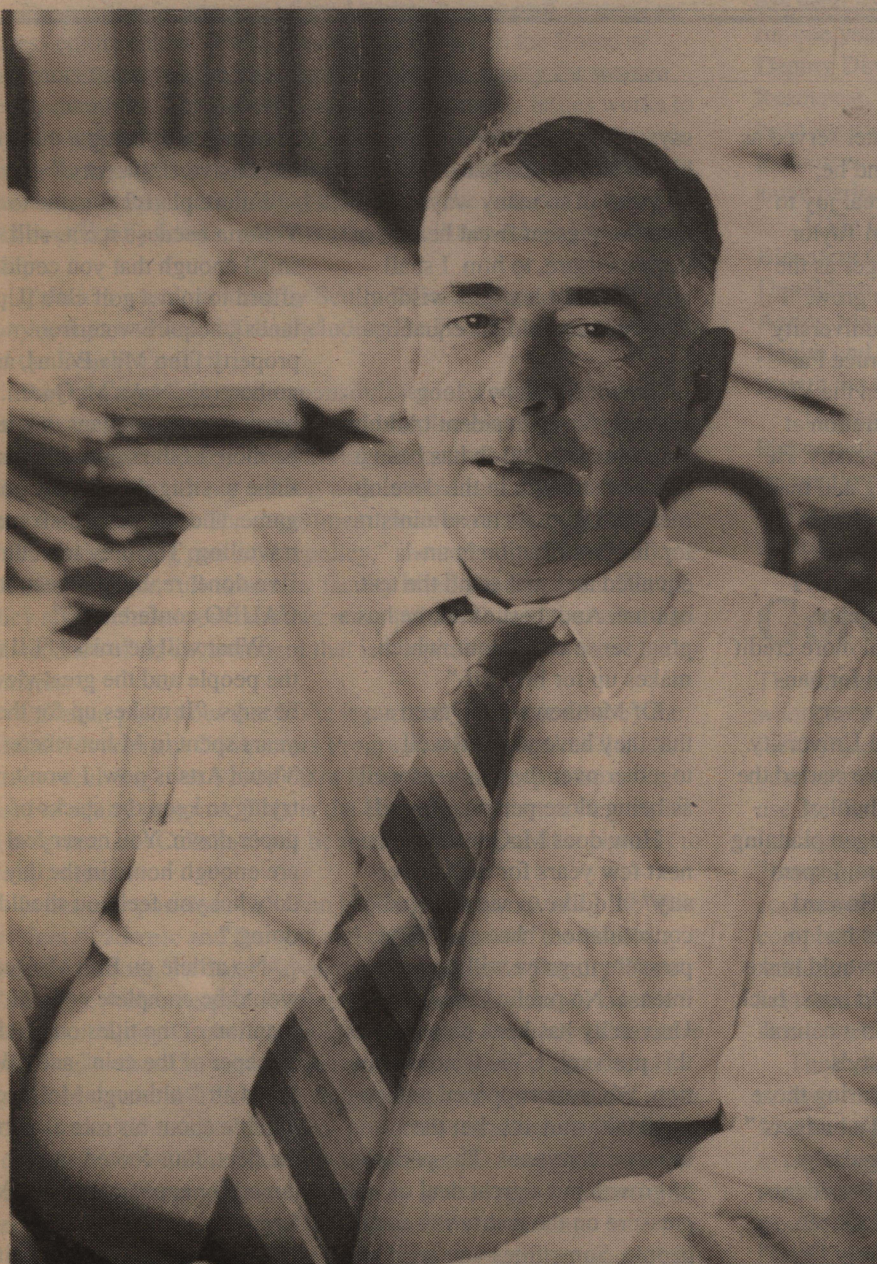




Ken Faris photo

Season's Greetings to UVic students, faculty and staff

Bob McQueen retires from 30-year career



Ken Faris photo

Bob McQueen at his desk

By EVELYN SAMUEL

How do you clean out your desk after 30 years? How do you replace the man with his hand on

the purse strings after 30 years? Both Bob McQueen and the University of Victoria have a job ahead, because McQueen, the

Vice-President, Finance. "I've enjoyed working at the University," said McQueen. "The institution has been very good to me I've enjoyed the

only chief financial officer that the University has ever had, is retiring on December 31, 1992.

President David Strong says, "Bob McQueen has been an absolute mainstay at the University. There is no part of the operation that escapes his scrutiny, and he has a wealth of institutional knowledge. We're going to miss this historical connection to our very beginnings."

McQueen came to Victoria to become Chief Accountant to Victoria College on March 1, 1962. His background included graduation from UBC in 1957 and earning his CA designation in 1960. He came to Victoria after stints at Price Waterhouse and Buckerfield's in Vancouver. After Victoria College became the University of Victoria in 1963, McQueen became, first, Bursar, and then, in the early 1980s,

challenge of always something new. For example, since I came, there has been a six-fold growth in the number of students. I started before computers were part of the operation. When I came, we were at the location where Camosun is now. You can imagine the changes."

Besides his duties as chief financial officer, McQueen has, from the very beginning of his association with the University, been significantly involved in the very fabric of University life. He has always been heavily involved in personnel activities, and, "from day one," has been a member of the negotiation team with the two CUPE locals since their certification in the mid 60s. "I think we've tried to conduct negotiations at the University in a different sort of mode than in many other places," said McQueen. "We've tried to avoid the confrontational approach, and I'm very happy to say that there has never been a strike here." He's also been involved in discussions (and chaired the negotiation team) with the Faculty Association and the Professional Staff Association. McQueen sees pay equity as the next big compensation factor. "Pay equity is coming, but I don't think there is a general understanding of the potential implications," he says.

McQueen has also been involved, from the beginning, with the University's various pension plans, starting with the Academic Pension Plan in 1968. This plan was significantly different from others in the field, and McQueen feels that the combination of the significant

investment returns in the '80s and the general format of the plan have yielded one of the best pension plans among Canadian universities. He feels that the same is true for the unionized staff plan, as well.

The Faculty Club has been another of McQueen's major involvements at the University. He chaired the initial committee which resulted in the creation of the Faculty Club and has been on the Board as the President's nominee and Treasurer ever since. At a time when faculty clubs are in trouble across the country, UVic's has been particularly successful, and McQueen gives full credit to its Manager, Edmund Vlaszaty. One of the innovations which helps is the community membership which open the Faculty Club to the community after 4 p.m.

McQueen has been active in CAUBO (Canadian Association of University Business Officers) which he has found to be a very useful organization. He served as President for one term, and feels that the sharing of experiences among Canadian Universities has helped them all to keep up with difficult times. He cites the self-insurance policy through the creation of a separate insurance company for Canadian universities as an example of the usefulness of cooperation. "We've been pretty active in collaborating with the other B.C. universities, also," he says, "through the Universities' Council and laterly

**Please see
Bob McQueen...p. 2.**

Christmas closure keeps some on the job

Enjoy Christmas closure, but before you leave the office to celebrate the season, shut your windows and lock your doors.

That is the advice from the people who are assigned to watch over the campus when it shuts down between Christmas and New Year's for the first time. Traffic and Security will still be patrolling the campus 24 hours a day, seven days a week, but it reminds departing students, faculty and staff that the absence of people on campus means a neglected open window or a propped-open door poses an especially strong security risk. During the closure period, Traffic and Security plans to do more, not fewer, patrols inside University buildings.

Buildings will be locked to everyone except those with access to labs and classrooms for research purposes. The Biology Department will have staff members coming to work everyday during the closure to feed the laboratory animals and clean their cages. Regular checks will also be made at the aquatic facility, home to fish and invertebrates.

"As far as I'm concerned, the place is closed," says Buildings and Grounds Manager of Maintenance Jim Pearce. "The buildings always have emergency lighting available in stairwells and hallways and office and classroom lighting can be turned on and off. Heating will be set back to the

unoccupied mode at 60° F. We can't leave things unattended for an eight day period without serious repercussions so we will have three staff members who can respond to an emergency—an electrician, a mechanic and a plumber—inspecting the buildings."

Less than 10 per cent of UVic's janitorial staff will be on campus during the closure. They'll be servicing the Gordon Head and McKinnon Complexes, the only buildings that will be open during the closure.

The McKinnon Complex pool will be open from 11:30 a.m. to 5:30 p.m. Dec. 21 to Jan. 3 except on Dec. 25, 26 and Jan. 1 when it will be closed. The Gordon Head Complex will be closed the same days, but otherwise will be open from 11:30 a.m. to 6:00 p.m. from Dec. 24 to Jan. 3.

Couriers have been told to hold items destined for UVic during the closure period unless previous arrangements have been made with the receiver. The mailroom will be closed as well, so mail will not be sorted during closure.

Anyone who notices anything suspicious on campus during Christmas closure is asked to notify Traffic and Security at 721-7599. They'll still be on the job while the majority of the campus community is enjoying an extended Christmas holiday.

Tumasonis reports on 3M Fellows' recommendations to improve teaching

As part of her prize for winning a 1992 3M Fellowship for Excellence in University Teaching, Dr. Elizabeth Tumasonis (History in Art), spent three days in early November at a retreat with the nine other 1992 3M Fellows at Chateau Montebello in Quebec discussing university teaching. The setting was informal and they set their own schedule, spending long hours exchanging tips and discussing problems related to learning and teaching and the situations at their own universities.

"I was a little bit skeptical at first about the value of this exercise," says Tumasonis, "but I returned thinking what a really innovative prize it turned out to be. As for the retreat, we all loved it. The group included people right across all disciplines from law to medicine to finance, but we discovered we had an incredible amount in common."

"One issue that really preoccupied us is that teaching is greatly undervalued at Canadian universities. It's a widespread problem. I feel that UVic is doing pretty well in this regard by comparison, but we still have a long way to go."

"We also talked a lot about the plight of sessionals, and, in fact, two or three of this year's 3M Fellows have positions of this type, which are generally very exploitative."

"We also talked a lot about the plight of sessionals, and, in fact, two or three of this year's 3M Fellows have positions of this type, which are generally very exploitative," Tumasonis adds.

As a result of their discussions, this year's 3M Fellows

drafted a series of recommendations that they agreed would help address the widespread imbalance between teaching and research.

They recommended "that effective teaching be recognized as a legitimate form of intellectual activity that deserves the same scholarly recognition as traditional research; that university documents governing appointments, promotion, and tenure reflect the equivalent value of teaching and research and allow for varying emphasis between the two; and that the many teaching faculty in our universities who labour in marginal, insecure, limited-term appointments, discouraging their development as excellent teachers, be granted status and rewards equal to those for faculty members who produce traditional research."

As a result of their discussions, this year's 3M Fellows

University of Victoria Libraries Holiday Hours

All libraries will be closed
December 25, 1992 - January 3, 1993

Regular Hours resume on Monday, January 4, 1993

Please return or renew all library material before December 22, 1992
Overdue Fines \$5 per book

Bob McQueen...continued from page 1.

through the Universities' Presidents' Council."

In addition to his regular and extra duties, McQueen has also lectured in Commerce, first at UBC at night school and then, for seventeen years, at UVic where he taught Commerce 151.

"Through the years, my staff has been tremendous," says McQueen. "I've had strong support from Dennis Davis, and

now Bob Worth. Gwenny Hooper, who started as my secretary, rose to performing in a truly professional capacity and becoming my right hand person. Mary Anne Gotaas is doing a great job in that position now. Being able to rely on these people means that I can basically confine myself to budget work and other related work."

McQueen speaks highly of the Presidents under whom he has served. "I came when Harry Hickman was Principal of Victoria College; Bob Wallace was Vice-Principal. Hickman became Acting President when Victoria College became University of Victoria. Both of them helped to make the transi-

tion smooth. Bob later served as Acting President, and he, particularly, was a real joy to work with. Malcolm Taylor oversaw great changes as the University began to grow. "I gained insight into university governance from Bruce Partridge, who had been the Vice-President, Administration at Johns Hopkins University. He was very demanding and made a clear demarcation between the Board's functions and the administrations functions. I think that Hugh Farquhar deserves a great deal more credit than he has received for handling things during a very difficult time for the University. During his tenure, we started the Law School, the School of Social Work, and began planning the University Centre. I spent the most time with Howard Petch, and you never had to worry that Howard would make a decision that would come back to haunt you. He had a natural feel for the University's finances. Budgets, during those years, were Howard's budgets."

"We've been singularly blessed in our Vice-Presidents, Academic," says McQueen, mentioning particularly Don MacLaurin, Steve Jennings, Fred Fischer, George Pederson, Murray Fraser and Sam Scully.

About McQueen, Vice-President, Academic Sam Scully

says, "Bob has given incomparable service to this place for over 30 years in so many ways. We owe our present fiscal health, in large measure, to him. I shall miss him, not least his wisdom in all matters and his equanimity."

Trevor Matthews, long-standing Vice-President (Administration) says, "Bob has been a pillar of strength in the development of UVic. As an administrator, his contribution is unequalled and will stand the test of time. And, best of all, he has a great sense of humour, which makes up for his golf."

Of Matthews, McQueen says that they have worked well together over the years, as well as being close personal friends.

How does McQueen see the next few years for the University? "I'd like to see a period of consolidation," he says. "The pressure to grow will be pretty intense. No public Canadian University has been able to resist this pressure. UVic is no exception. We were supposed to stop at 10,000 students, but the increase continues. The periods of growth put a great deal of pressure on the institution and its people. Sometimes you need to take a breath. The capital expansion and physical growth now is more intense than it's ever been, even in the beginning. I'd hate to see us lose the

advantages of being a mid-sized, responsive University."

Future plans? "I came to Victoria because it was still small enough that you could afford to join a golf club [Uplands], acquire waterfront property [Ten Mile Point], and go boating," says McQueen. "I have no definite plans, but it will be more of the same. I'll continue to struggle with my golf game, and I hope to do some travelling. The only travelling I've done, really, has been to CAUBO conferences."

What will he miss? "I'll miss the people and the great view," he says. "It makes up for the years spent in M hut where Visual Arts is now. I won't miss trying to keep the stacks of paper down. You never feel there are enough hours in the day to do what you feel you should be doing."

No article on Bob McQueen would be complete without mention of the titles on his door: "Keeper of the coin" and "White Wind aft," although McQueen is humble about his role as part of the fleet, four-footed steed famed for appearances at UVic farewells.

The University community joins to thank Bob McQueen for his years of devotion to our institution, and we wish him and his wife, Kay, many happy years of retirement.

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Quote

"There was an old man of Quebec,
Who was buried in snow to his neck.
When asked, 'Are you friz?'
He replied, 'Yes, I is,
But we don't call this cold in Quebec.'"

—Rudyard Kipling
(1865-1936) attributed.

Mickelson named to key provincial post

Dr. Norma Mickelson has been appointed Chair of the Board of Directors for the British Columbia Assessment Authority.

Currently professor emeritus in the UVic Faculty of Education, Mickelson was the first woman to be appointed an academic dean in B.C. as Dean of Education at UVic. Before her retirement last year she served as vice chair of the University Senate and Assistant to the President on Equity Issues.

The B.C. Assessment Authority operates independently to assess the value of B.C. properties and to ensure they are evaluated equitably for taxation purposes. The board develops policies that direct the operation of the assessment authority and is responsible for ensuring the authority operates efficiently and effectively.

Mickelson will serve as Chair of the Board with seven other appointees announced by Municipal Affairs Minister Robin Blencoe in late November. They are: Fraser Wilson of Prince Rupert, founding member of the Trial Lawyers Association of B.C.; Robert Martin of Prince George, department co-ordinator at the College of New Caledonia; Mary Rawson of Sorrento, retired planner and expert in resource planning; Lorraine Shore, Burnaby lawyer; Jag Singh of North Vancouver, real estate administrator with ICBC; Howard Sturrock of Victoria, retired municipal engineer; and Elmer Walske of Maple Ridge, former businessperson of the year for Maple Ridge.

"These new members, four women and four men, bring a special mix of talents that will be important in meeting new challenges facing the B.C. Assessment Authority," says Blencoe. "Those challenges involve improving service and reducing costs to taxpayers by producing an annual assessment roll and developing marketing opportunities for non-confidential data generated by the authority."



United Way campus volunteers have something to smile about.

United Way surpasses goal

The UVic community has made this year's campus United Way Campaign the best ever. At press time \$63,193 had been collected, surpassing this year's goal of \$62,000. This year's total is expected to go even higher.

"I want to extend a big thank-you to the campus community for their generosity," says United Way's Campus Co-ordinator David Glen. "I also want to

thank all those individuals and departments who contributed items for our prize draws and all those who volunteered on the Campaign."

This year's total was the best ever for a United Way drive at UVic. The fact that 30 per cent of those who made contributions to the Campaign were new donors was especially gratifying to Glen. Anyone who would still

like to make a donation, but has lost their pledge cards, can contact Glen in Records Services at 721-8131 to receive another United Way form.

In a photograph in the Nov. 27 *Ring*, Donald Hamilton, United Way events co-ordinator, was incorrectly identified as Donald Cameron. We regret the error.

Callahan named advisor on faculty women's issues

Marilyn Callahan (Social Work) has been appointed Advisor on Faculty Women to Vice-President Academic and Provost Dr. Sam Scully—a position that was vacated by Dr. Norma Mickelson upon her retirement last year.

"I am delighted to have Marilyn Callahan join my office," says Scully, "and I look forward to working with her and counting on her significant UVic and other experiences to advance the implementation of the equity policy."

The position is one part of the University's overall strategy to address equity issues. It was created in 1990 when the Board of Governors approved the University's policy on equity for women faculty members. The Advisor on Faculty Women's Issues works to improve and monitor this policy and to inform the University community on equity issues for women faculty members. Its mandate is, thus, considerably more limited than that of the Advisor to the President/Equity Issues, who has responsibilities relating to all equity groups.

Callahan was appointed by Scully following consultation with many groups and individuals including the Faculty Women's Caucus and the Deans' Council.

Part of Callahan's new responsibilities is to work with departments to monitor the development and implementation of their equity plans for women faculty. "Monitoring the overall policy," says Callahan, "starts with my talking with individual faculty women about their situations. The department plans are starting to show results on the hiring part of the policy," she adds. In 1991/92, 50 per cent of all regular, full-time new faculty hired were women. But the policy also includes several other areas pertinent to the creation and maintenance of an environment that is hospitable for women faculty members.

Callahan points out that UVic is currently under review by the Federal Government Contractors Program, which requires that all entities receiving over \$200,000 in federal contracts pursue an effective equity program. This is the University's first review under the program, and Callahan will be involved as the review pertains to faculty women.

In her new position, Callahan is charged with advising the Vice President Academic and Provost and consulting with the Faculty Women's Caucus, the Joint Advisory Committee on Faculty Women's Equity (which helped develop the University policy), and the Director of Equity Issues. She will serve on the Expanded Executive Council and other University committees. Callahan will work with department chairs and directors to help implement their equity plans and will monitor salaries, benefits, promotion, and tenure decisions, in coordination with the Faculty Association, the Faculty Women's Caucus, and other groups, and publish an annual report to be circulated widely to all members of the University community.

Callahan will be relieved of three units of teaching responsibilities and her department will be reimbursed for half a beginning faculty member's salary while she is in this position. Callahan encourages anyone with particular concerns regarding issues relating to faculty women to call her at local 6140. Her office is located in Sedgewick B134.

City-University job exchange introduced

The Human Resources department has taken a lead role in UVic's staff professional development by participating in a year-long job exchange with the City of Victoria.

Richard Piskor, Manager of Occupational Health and Safety, has been seconded to the City for one year while the City's Deputy Director of Human Resources, Maurice Lamb, has been seconded to UVic's Human Resources department for the same period.

UVic Chemical and Biosafety Officer, Daphne Donaldson, has been appointed Acting Manager of Occupational Health and Safety while Piskor is with the City.

During his secondment, Piskor will be responsible for occupational health and safety and staff training and development for the City.

Meanwhile, Lamb will assist the University in developing its own staff training programs, including those related to Employment Equity. Earlier this year, Lamb was involved in labour relations at UVic when he filled in for Human Resources Assistant Director Phil Reusing between Jan. 15 and the end of June.

All members of the exchange spoke highly of the job exchange arrangement.

"It's really a win-win situation for everyone," Piskor said before he left for the City Nov. 16. "I benefit in terms of my own professional development, my staff members benefit from the experience of assuming my responsibilities here while I'm away, the University benefits from what I will learn and bring back from the City, Mr. Lamb benefits from his

opportunity here and the City benefits in the same way that the University does."

Lamb echoed Piskor's thoughts. "Everybody gains from a secondment through the exposure to new people, the chance to grow and develop, and to try different approaches. It gives all the parties a chance to rethink directions and work with new people."

Lamb, who has been at the City for 13 years—the past 10 in his current capacity—said he thinks job exchanges are one way of keeping pace with the times.

"The organizations that will survive in this day and age are those which have the best developed people," he said. "Secondments are an excellent way to promote personal and professional growth."

Gordon Head invites all to open house

The Gordon Head Complex wants to help UVic students, faculty and staff keep their new year's resolutions to visit and use the facilities at the University's newest recreational facility. To encourage the campus community to check out the complex, Food Services and Athletics and Recreational Services are holding an Open House Jan. 6 to 9.

Throughout the three days, visitors to the complex between 10 a.m. and 10 p.m. are invited to take a self-guided tour of its varied facilities and qualify for a free T-shirt (while supplies last). On Jan. 6, a shuttle bus will pick up passengers from marked Ring Road locations from 11 a.m. to 2 p.m. and take them to the complex and return them later to Ring Road. At the same time, SUB patrons will be able to try

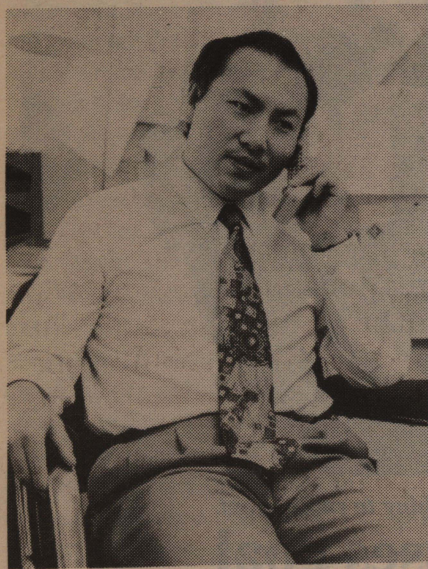
out some of the complex's exercise equipment at a special display in the building's Upper Lobby. Information about the University's intramural program will be available at the display, but registration for sports held in the complex (ice hockey, wallyball, indoor soccer and basketball) must be done at the Gordon Head complex.

On Jan. 7 the exercise display moves into the University Centre between 11 a.m. and 2 p.m. while over at the complex, would-be hoop stars can win \$20,000 if they sink three consecutive baskets from three designated throw areas. From 4:30 p.m. to 6 p.m. a reception will be hosted in the Courtside Lounge, with draw prizes available to staff and faculty members with a valid ARAC membership card.

On Jan. 8 the exercise equipment demonstration sets up shop in the Commons between 11 a.m. and 2 p.m. From 3 p.m. to 6 p.m., faculty and students can demonstrate their dart throwing prowess in the Courtside Lounge.

Students, faculty and staff are encouraged to bring their families to the complex on Jan. 9 where they can receive introductory lessons from the staff on the various sports played at the facility. Over at Centennial Stadium the Great Gordon Head Centipede Challenge begins at 1 p.m. It will finish at the Gordon Head Complex where a free barbeque will be hosted by Food Services. The Open House will wrap up that afternoon with hot chocolate and cookies in the Courtside Lounge from 4 p.m. to 4:30 p.m.

Electronic eavesdroppers will be foiled by spread spectrum technology



Wang

BY PATTY PITTS

The cellular telephone has been both a boon to busy executives and the bane of selected high-profile citizens who find, to their dismay, that their private conversations have been monitored, recorded and released to an eager public.

Research currently being conducted at UVic could ultimately put an end to the threat of electronic eavesdropping. At the same time, the work being conducted by Dr. Qiang Wang (Electrical and Computer Engineering) in association with Dr. Vijay Bhargava (Electrical and Computer Engineering) is aimed at personalizing wireless communication as never before.

"The buzzword is personal communication," says Wang. "The general goal of this research is to allow communication between people anytime, anywhere."

The potential of this research has resulted in a series of grants for Wang and Bhargava. Their most recent are a \$40,000 grant from the Science Council of British Columbia and a \$50,000

contract from Communications Canada. Currently the pair have 18 post-graduate students working with them on their research.

To eventually enable cellular phone users to take their device from the car to the street and then into their office buildings (currently impractical since concrete obstructs phone signals), Wang bases his research on spread spectrum (SS) technology. Under this technology, signals are transmitted at a very low power level so they won't interfere with other multiple users who share the same often overcrowded spectrum for their cellular phone conversations.

"Each user will be assigned a separate signal code," projects Wang. "This will ensure that people can use the same channel without interference."

They'll also be able to use it without fear of being monitored. While current cellular phones are accessed on an analog signal, future personalized communication will utilize a digital signal.

"Users will be able to scramble it so that it's not intelligible," explains Wang. "It will require very costly equipment to decipher it."

Wang's latest grant is aimed more at development than research. In order to make code division multiple access (CDMA) technology, where SS signals are spread across a relatively wide spectrum of

frequencies, attractive and feasible to industry, supportive software must be developed.

"We're talking about building huge networks involving thousands of users," foresees Wang. "You need software that will be able to predict the performance of the system and the quality of each user's signal."

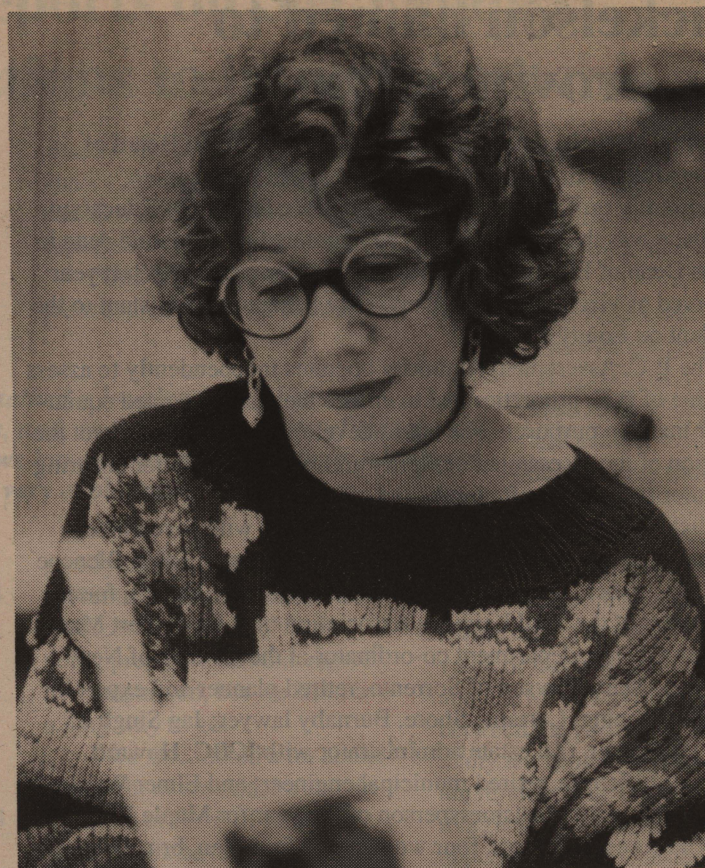
Several government agencies and corporations have already expressed an interest in the work that Wang, Bhargava and their team of researchers are conducting into the development of this kind of software. While similar work is being done throughout the United States, UVic is the most active location for CDMA research in Canada.

It was Bhargava's work in digital communication that initially lured the Beijing-born Wang to UVic after he completed his bachelor and masters degrees at Nanjing Institute of Communication Engineering.

"It was by accident that I had a copy of Dr. Bhargava's book *Digital Communication by Satellite*," remembers Wang. "I wrote to the author in 1984, not realizing that he had moved on to UVic. The letter was forwarded to him. I had very little information about this Canadian university, but I did know that Victoria had a good climate."

Wang decided to opt for the opportunity to study under Bhargava and completed his PhD here. After working with MTR Teltech in Vancouver for two and a half years, he returned to UVic in 1990, this time to teach.

He fully expects his research will contribute to a compact, completely personalized cellular phone system beyond the reach of snooping surveillance by the end of this decade.



Crozier

Poet professor wins Governor General's Award

BY KEN FARIS

Creative Writing Professor Lorna Crozier has won this year's Governor General's Award for Poetry for her book, *Inventing the Hawk*.

Cozier had been nominated for Canada's top literary award twice before but this is the first time the adjudicators have chosen her work over the rest of the nominees.

Crozier joins another Victoria resident, illustrator Ron Lightburn, in winning Governor General's Awards this year. Lightburn won for his illustrations in a book written by Sheryl McFarlane, *Waiting for the Whales*.

The 44-year-old Saskatchewan-born and raised writer says she is "very glad" to have won the poetry award.

"Competition is not necessarily a good thing—in fact, it's a bad thing for writers—but the publicity surrounding this award puts Canadian literature in the headlines for a while," she says. "And I can't pretend that it isn't a great satisfaction to win the award."

Crozier, who moved from the University of Saskatchewan in Saskatoon last year to become a member of UVic's Faculty of Fine Arts—one of two full-time female instructors hired last year for the first time by the Creative Writing department—says she dedicated *Inventing the Hawk* to the memory of her father, who died two years ago, and to her mother and brother.

Beginning with her father's death, the poems in this, Crozier's eighth collection of poems, winds back through time to her early childhood memories in the small Saskatchewan community where she grew up.

Then she would cause the seeds in their endless variety—the ones floating light as breath, the ones with burrs and spears that caught in her socks when she was a child, the radiant, uninvented blades of grass.

The author says that although much of the poems' imagery comes from the prairies, other elements from her new home on the West Coast found their way onto the pages.

"I believe that good poetry begins in a specific place and moves to the universal," she says. "The ocean becomes a metaphor in this book. The ocean and the prairie have the most in common of any two landscapes, I think, because you can stand at the edge of both of them and gaze toward that flat horizon where sky and prairie or ocean meet."

As a winner of the Governor General's Award, Crozier wins \$10,000 and a specially bound copy of *Inventing the Hawk*.

Other works of poetry by Lorna Crozier include *Angels of Flesh*, *Angels of Silence* and *The Garden Going On Without Us*.

UVic biochemist to lead search for ulcer cure

Pharmaceutical multinational contributes \$1 million

BY KEN FARIS

Dr. Trevor Trust, Professor and Chair of the Department of Biochemistry and Microbiology, has been awarded a \$1 million grant from a Swedish-based pharmaceutical giant to lead research into a cure for peptic ulcers.

The investment, which will be made over the next five years by Astra Pharma Inc., a Canadian subsidiary of AB Astra of Sweden, will enable Trust and a team of five microbiologists to investigate virulent bacterial disease factors which are suspected to lead to certain gastric illnesses.

The proprietary research will focus on recently gained knowledge about the formation of ulcers and the bacterium *Helicobacter pylori*. Since as many as 80 per cent of ulcer patients may suffer a relapse without maintenance therapy, and the projected cost of treatment in B.C. alone for 1992 is \$33 million, the development of a treatment that prevents recur-

rence is medically and economically significant.

Trust was chosen by Astra to lead the research because of his affiliation with the Canadian Bacterial Diseases Network (CBDN), established in 1990 to pursue applied collaborative research in bacterial diseases to enable industry to improve diagnosis and treatment. The CBDN is one of 15 Networks of Centres of Excellence established by the federal government in 1988 to link researchers and provide them with financial resources to advance their work.

Trust's research will concentrate on ulcers and *H. pylori*, and will seek a treatment that prevents a relapse among ulcer sufferers.

Conservative estimates suggest that 10 to 15 per cent of the population has a diagnostic peptic ulcer at some time in their lives. An equal number of people will have a painless ulcer which nevertheless can lead to complications such as bleeding or perforation.

As more people move into

the 35 to 50 age bracket, the number of people with ulcers is expected to increase, and statistics show more young people are developing ulcers. While traditionally 60 to 70 per cent of ulcer sufferers were male, today the split between male and female is estimated to be closer to 50/50.

Peptic ulcers develop from an imbalance between the hydrochloric acid which breaks down food and the protective mucous lining of the stomach. The resulting chronic condition is frequently painful and potentially quite dangerous if perforation occurs.

Trust and his team of researchers will search for the elusive link between the formation of ulcers and *H. pylori*. The work they do may save people around the world from chronic agony and considerable expense.

Trust received his undergraduate and graduate degrees at the University of Melbourne before joining UVic in 1969 as an assistant professor in bacteriology and biochemistry.

What's Blooming at UVic?

Even though it is winter there are many things of interest in UVic's Finnerty Gardens, adjacent to the Interfaith Chapel.

Many winter-flowering heathers are blooming now, both white and pink. Also, many Sasanqua Camellias in a wide variety of colours are especially showy this season.

The English Holly trees are loaded with bright red berries—good contrast against their dark green glossy leaves. The Dove Tree has many green, nut-like fruits hanging from its boughs like Christmas tree ornaments.

One very colourful corner combines the dark green leaves of *Magnolia grandiflora*, the reddish-brown foliage of *Cryptomeria japonica*, and the silver-blue needles of *Cedrus atlantica glauca*.

Keep an eye out for the Annas hummingbird, which seems to be making the Gardens a winter residence.



Calendar Supplement for 1993

Athletics and Recreation Services

The following programs will be available in Jan 1993 in addition to the courses described in the 1992-93 Recreation Calendar.

Registration Information

Registration for all programs begins Monday Jan 4, 1993, at the Athletics and Recreational Services Office. Hours for registration will be 9:00am-5:30pm from Jan 4 to Jan 15.

Please refer to the 1992-93 Calendar for registration and refund policies.

FITNESS AND LIFESTYLE

Fitness Schedule – McKinnon Complex

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY
7:30–8:15 am	Early Bird Fitness (Moderate)		Early Bird Fitness (Moderate)		Early Bird Fitness (Moderate)		
10:00–11:00 am						STEP Training (Moderate-Intense)	
11:30–12:20 pm	Early Noon Fitness (Mild)	STEP Training (Moderate)	Early Noon Fitness (Mild)	STEP Training (Moderate)	Early Noon Fitness (Mild)		
12:30–1:20 pm	STEP Training (Moderate)	STEP Training (Moderate)	STEP Training (Moderate)	STEP Training (Moderate)	STEP Training (Moderate)		
2:30–4:00 pm							The Total Workout (Moderate-Intense)
3:40–4:30 pm	Afternoon Workout (Moderate)	STEP Training (Moderate)	Afternoon Workout (Moderate)	STEP Training (Moderate)	Afternoon Workout (Moderate)		
4:00–5:00 pm						Intense Fitness (Intense)	
4:40–5:40 pm	Energizer (Moderate-Intense)	Low Impact (Moderate-Intense)	Energizer (Moderate-Intense)	Low Impact (Moderate-Intense)	Energizer (Moderate-Intense)		
6:00–7:00 pm	Intense Fitness (Intense)		Intense Fitness (Intense)	STEP Training (Moderate-Intense)			
7:15–8:15 pm			STEP Training (Moderate-Intense)	• The class limit for all STEP classes is 40; please arrive early to ensure your spot! • The class limit for all other fitness classes is 55.			

FITNESS SCHEDULE – GORDON HEAD COMPLEX

Theatre Dance Centre

Mon/Wed/Fri Mild to Moderate fitness for Staff & Faculty 4:45 to 5:30pm – free.

Tues/Thurs 12:30 - 1:15 pm Strength, Stretch & Relaxation – free.

INTRODUCTION TO MASSAGE

An opportunity to learn the techniques and to practice the skills for localized Full-Body Massage. Participants will need to provide 2 sheets, 1 towel & oil. Loose comfortable clothing is recommended.

Section 1: FL93-5B

Date: Thurs Jan 21st

Time: 6:30 - 8:30pm

Location: Student Health Services

Cost: Members Non-Members
\$60.00+GST \$75.00+GST

STRENGTH TRAINING

Gordon Head Complex
Fitness/Weight Room

Mon-Fri 10:00am - 10:00pm

Sat + Sun 10:00am - 6:00pm

*Additional Hours:

7:30 - 9:00am Mon/Wed/Fri

McKinnon Complex

Exercise Room

Mon - Wed - Fri 7:30 - 9:00am

Mon - Fri 12:00 - 2:00pm

4:00 - 6:00pm

STRENGTH TRAINING I (Introduction)

The development of an effective strength training program is an essential component of total fitness. This program teaches the correct use of strength training equipment for a safe and balanced workout.

Section 1 FL93-12E

Date: Mon/Wed Jan 18

Time: 6:30 - 7:30pm

Location: Gordon Head Complex
Fitness/Weight Room

Cost: Members Non-Members
\$32.00+GST \$40.00+GST

Section 2 FL93-12F

Date: Mon/Wed Jan 18

Time: 7:30 - 8:30pm

Location: Gordon Head Complex
Fitness/Weight Room

Cost: Members Non-Members
\$32.00+GST \$40.00+GST

Section 3 FL93-12G

Date: Tues/Thurs Jan 19

Time: 6:30 - 7:30pm

Location: Gordon Head Complex
Fitness/Weight Room

Cost: Members Non-Members
\$32.00+GST \$40.00+GST

Section 3 FL93-12H

Date: Tues/Thurs Jan 19

Time: 7:30 - 8:30pm

Location: Gordon Head Complex
Fitness/Weight Room

Cost: Members Non-Members
\$32.00+GST \$40.00+GST

STRENGTH TRAINING II (Advanced)

An Intense training program for those wanting the challenge & motivation of advanced weight lifting.

Section 1 FL93-13C

Date: Mon/Wed Jan 18

Time: 6:30 - 7:30pm

Location: Gordon Head Complex
Fitness/Weight Room

Cost: Members Non-Members
\$32.00+GST \$40.00+GST

Section 1 FL93-13D

Date: Tues/Thurs Jan 19

Time: 12:30 - 1:20pm

Location: Gordon Head Complex
Fitness/Weight Room

Cost: Members Non-Members
\$32.00+GST \$40.00+GST

Fitness Leadership Development

UVic Fitness Instructors Course starts Tues Jan 19, 1993 and registration is on Monday Jan 11, 1993 at the main Athletics & Recreational Services Office. For more information please see main calendar. Prior to acceptance into the course please contact Anneke van Alderwegen at 721-8410.

Personal Training Instructors Course starts Tuesday Feb 2, 1993 please see the main calendar or pamphlet for more detail or call Anneke at 721-8410 or Lara Lauzon at 595-0163.

Strength Training Instructors Course starts Monday Jan 18, 1993, please see the main calendar or pamphlet for more detail or call Anneke at 721-8410 or Caryl Harper 598-9132.

Fitness Workshops

LEARN TO STEP

If you are interested in learning the basics of STEP Fitness please come to one or all of the following workshops. You will learn the names of various movements, safety techniques and have a chance to ask questions:

Monday Jan 11, 1993 - 7:15 - 8:30pm
Monday Jan 25, 1993 - 7:15 - 8:30pm
Monday Feb 1, 1993 - 7:15 - 8:30pm

The cost is either \$3.00 drop-in or your fitness pass. at McKinnon Dance Studio.

B.C.R.P.A. Instructors Workshops

STEP CHOREOGRAPHY (B.C.R.P.A. Approved)

Fitness Instructors looking for new and exciting moves on the STEP. Registration at the main athletics & Recreational Services Office or at the door.

Session 1FL93-21A

Instructor: Jeanette Brown
Date: Sunday Feb 7, 1993
Time: 10:00 - 12:00pm
Location: McKinnon Dance Studio
Cost: \$15.00 pre-registration
\$17.00 day registration

USE OF MUSIC

Invaluable Re-education on the importance of using and hearing music. This workshop will help you to make the most of your fitness classes.

Session 1 FL93-21B

Instructor: Aileen Stow
Date: Sunday Feb 21, 1993
Time: 10:00 - 12:00pm
Location: McKinnon Dance Studio
Cost: \$15.00 pre-registration
\$17.00 day registration

New Year's Resolutions

- ☒ Don't miss Gordon Head Complex
Open House Jan. 6-8
- ☒ Wed., Jan. 6 Lunch and tour \$3.00
catch the shuttle bus at Ring Road
- ☒ Thurs. Jan 7, \$20,000 Hoop Shoot
Practice free throws during the
holiday.
- ☒ Fri., Jan 8, free aerobics class.
Enter the dart tournament.
- ☒ Sat. Jan. 9. Great Gordon Head
Centipede Challenge - organize a
team from the faculty and work on
the costume.
- ☒ Try the stairclimber and win a T-Shirt.
- ☒ Pick up a schedule of events in January.

**PERSONAL TRAINING
INFORMATION**

Interested in finding out if personal training is for you? Lara will give you insight into what it's all about and answer questions pertinent to you.

Session 1 LF93-21C
Instructor: Lara Lauzon
Date: Sunday Feb 14, 1993
Time: 10:00 - 12:00pm
Location: McKinnon 151
Cost: \$5.00 pre-registration

RACQUET SPORTS

TENNIS BEGINNER (4wks)

Session 1 RS93-1A
Date: Monday Jan 18, 1993
Time: 4:30 - 5:55pm

Session 2 RS93-1B
Date: Tuesday Jan 19, 1993
Time: 5:30 - 6:55pm

Session 3 RS93-1C
Date: Wednesday Jan 20, 1993
Time: 4:30 - 5:55pm
Cost: 32.00 +GST Member
\$40.00 +GST Non-member

TENNIS INTERMEDIATE (4wks)

Session 1 RS93-2A
Date: Monday Jan 18, 1993
Time: 6:00 - 7:25pm

Session 2 RS93-2B
Date: Wednesday Jan 20, 1993
Time: 6:00 - 7:25pm
Cost : \$32.00 + GST Member
\$40.00 + GST Non-member

SQUASH BEGINNER (4wks)

Session 1 RS93-3B
Date: Tuesday Jan 19, 1993
Time: 5:30 - 6:15pm

Session 2 RS93-3C
Date: Tuesday Jan 19, 1993
Time: 6:15 - 7:00pm

Session 3 RS93-3D
Date: Wednesday Jan 20, 1993
Time: 5:30 - 6:15pm

Session 4 RS93-3E (Women Only)
Date: Wednesday Jan 20, 1993
Time: 8:30 - 9:15am
Cost : \$32.00 + GST Member
\$40.00 + GST Non-member

SQUASH INTERMEDIATE

Session 1 RS93-4A
Date: Tuesday Jan 19, 1993
Time: 8:30 - 9:15am

Session 2 RS93-4B
Date: Thursday Jan 28, 1993
Time: 5:30 - 6:30pm

Session 3 RS93-4C (Women only)
Date: Thursday Jan 28, 1993
Time: 6:30 - 7:30pm

Session 4 RS93-4D
Date: Thursday Jan 28, 1993
Time: 7:30 - 8:30pm
Cost : \$36.00 + GST Member
\$45.00 + GST Non-member

DANCE

Jazz D93-1
Date: Tuesday Jan 19, 1993
Time: 6:00 - 7:30pm
Cost: \$32.00 + GST Member
\$40.00 + GST Non-member

Ballet I D93-2A
Date: Friday Jan 22, 1993
Time: 6:00 - 7:30pm
Cost: \$32.00 + GST Member
\$40.00 + GST Non-member

Ballet II D93-2B (Intermediate)
Date: Friday Jan 22, 1993
Time: 7:30 - 9:00pm
Cost: \$32.00 + GST Member
\$40.00 + GST Non-member

INTRAMURALS

Intramurals will begin the week of Jan. 18th and will end the week of March 22.

BASKETBALL

Recreation Co-ed	Tues	7:00-10:00pm	GHC
Intermediate Co-ed	Tues	8:30-11:30pm	McKinnon
Competitive	Tues	8:30-11:30pm	McKinnon
Women's	Thurs	6:30-9:30pm	

FLAG FOOTBALL

Recreational	Wed	12:30-1:20pm	Fields
Competitive	Wed	4:30-7:30pm	Turf

FLOOR HOCKEY

Intermediate	Wed	6:30-9:30pm	GHC (gym)
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ICE HOCKEY

Recreational	Fri	1:30-5:00pm	GHC (arena)
Intermediate	Sun	5:30-10:00pm	GHC (arena)

SOCCER

Recreational Co-ed	Tues	12:30-1:20pm	Fields
Recreational Co-ed	Thur	12:30-1:20pm	Fields
Indoor Rec Co-ed	Mon	6:30-9:30pm	GHC (gym)
Indoor Rec Co-ed	Thur	6:30-9:30pm	GHC (gym)

VOLLEYBALL

Recreational Co-ed	Mon	8:30-11:30pm	McKinnon
Intermediate Co-ed	Mon	8:30-11:30pm	McKinnon
Recreational Co-ed	Wed	8:30-11:30pm	McKinnon
Intermediate Co-ed	Wed	8:30-11:30pm	McKinnon
Competitive Co-ed	Thurs	8:30-11:30pm	McKinnon

WALLEYBALL

Recreational Co-ed	Tues	6:30-9:30pm	GHC (courts)
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TOURNAMENTS

Badminton	Fri, Feb 12	3:30-10:00pm	GHC (gym)
Indoor Soccer	Fri, Feb 26	3:30-10:00pm	GHC (gym)

DROP IN ACTIVITIES

Volleyball	Tues	6:30-8:30pm	GHC
Badminton	Tues	6:30-8:30pm	GHC (gym)
Basketball	Wed	6:30-8:30pm	GHC (fh)
Shinny Hockey	Mon	11:30-12:30pm	GHC (arena)
	Tues	11:30-12:30pm	GHC (arena)
	Tues	12:40-1:40pm	GHC (arena)
	Thurs	11:30-12:30pm	GHC (arena)
	Thurs	12:40-1:40pm	GHC (arena)
(women)	Mon	12:30-1:30pm	GHC (arena)
Skating	Wed	11:30-1:30pm	GHC (arena)
	Thurs	8:30-10:30pm	GHC (arena)
Family Skate	Sat	1:00-3:00pm	GHC (arena)
	Sun	2:00-3:00pm	GHC (arena)

Ballroom Dance I D93-3

Date: Sunday Jan 24, 1993
Time: 6:30 - 7:55pm
Cost: \$32.00 + GST Member
\$40.00 + GST Non-member

MARTIAL ARTS

Karate I M93-1

Date: Tuesday/Friday
Jan 19, 1993
Time: 9:00 - 10:30pm

Karate 2 M93-2

Date: Tuesday/Friday
Jan 19, 1993
Time: 7:30 - 9:00pm

Aikido M93-3

Date: Monday/Wednesday
Jan 18, 1993
Time: 7:00 - 9:00pm

Wing Chun M93-4

Date: Tuesday Jan 19, 1993
Time: 7:30 - 9:30pm

Tai Chi Chuan M93-5

Date: Monday/Wednesday
Jan 18, 1993
Time: 3:30 - 4:25pm

Tai Chi Chih M93-6

Date: Tuesday Jan 19, 1993
Time: 4:45 - 5:45pm

Stretch and Body Awareness M93-7

Date: Thursday Jan 21, 1993
Time: 4:45 - 5:45pm

Yoga M93-8

Date: Wednesday Jan 20, 1993
Time: 5:30 - 7:00pm

Fencing M93-9

Date: Thursday Jan 21, 1993
Time: 7:00 - 9:00pm

Instructional courses are 9 weeks unless otherwise indicated. Please refer to the recreation calendar for cost and location.

AQUATICS**MCKINNON COMPLEX - Pool Schedule**

	MORNING	NOON	AFTERNOON	EVENING
MONDAY	7:30-9:00am	11:30-1:30pm	•3:30-6:00pm	9:30-11:00pm
TUESDAY	7:30-8:30am	11:30-1:30pm	•3:30-6:00pm	9:30-11:00pm
WEDNESDAY	7:30-8:30am	11:30-1:30pm	•3:30-6:00pm	9:30-11:00pm
THURSDAY	7:30-9:00am	11:30-1:30pm	•3:30-6:00pm	9:30-11:00pm
FRIDAY	7:30-9:00am	11:30-1:30pm	•3:30-6:00pm	
SATURDAY			*1:00-3:00pm	3:00-5:00pm
SUNDAY			*1:00-3:00pm	3:00-5:00pm
HOLIDAY			*1:00-3:00pm	3:00-5:00pm

* Family Swims

•2 Lanes available 5:30-6:00pm Mon-Fri

AquaFit Tuesday/Thursday 11:45-12:45 (25 yard lane swim)
4:30-5:30 (25 yard lane swim)

NLS RECERT/PRECERT A93-11A

Change to the existing NLS
Precertification and Recertification
Dates: Jan 16, 17, changed to Jan 23,
24, 1993.

**RLSS INSTRUCTOR COURSE:
A93-19**

Share your knowledge and skills with others. Learn how to teach and feel the rewards of good leadership. Pre-requisite: Bronze Medallion, Senior Resuscitation and 16 years of age. The minimum requirement for getting a job as a life saving instructor.

Dates: Jan 22, 23, 24 and
Jan 29, 30, 1993.

Times: Fridays: 6:00pm - 9:00pm
Saturdays: 10:00am - 4:30pm
Sunday: 9:00am - 1:00pm

Cost: \$112.00
Manual not included.

NLS EXAMINER'S CLINIC: A93-20

For current NLS Instructors. Learn how to teach NLS precertifications and recertifications. Prerequisites: NLS Instructors Award, CPR C Level, and RLSS Examiners Clinic.

Date: Saturday, Feb 13 1993.
Time: 11:00am - 4:00pm
Cost: TBA

Registration is through the BC Yukon Branch RLSS. Contact Rod-Paul Martin at: 684-6368.

**RED CROSS WATER SAFETY ONE
INSTRUCTOR COURSE: A93-21**

This course prepares instructors to teach and evaluate the first four levels of the pupil training program (Yellow to Maroon) and Survival. Pre-requisites: 16 years of age and a minimum of Red Cross Green Level or equivalent.

Dates: Jan 23, 24, 30, 31, and
Feb 6, 7, 13, 14, 1993.

Times: Saturdays: 9:00am - 2:00 pm
Sundays: 11:00am - 4:00pm

Cost: \$185.00 (includes manual)

**RED CROSS WATER SAFETY TWO
INSTRUCTOR COURSE: A93-22**

This course is further training to teach and evaluate all levels of the water safety program. Emphasis is on the Blue to White levels. Pre-requisites: Current Water Safety One Certification, Red Cross White Level or equivalent, current Bronze Medallion or higher, ten hours teaching experience.

Dates: Feb 27, 28
March 6, 7, 13, 14, 20, 21, 1993.

Times: Saturdays: 9:00am - 2:00pm
Sundays: 11:00am - 4:00pm

Cost: \$150.00

SPECIAL EVENTS**FUN RUN SERIES****Valentine Fun Run**

Friday Feb 12th - 12:00 noon

Welcome Spring Run

Friday March 26th - 12:00 noon

UVic Open Squash Tournament

Jan 21st - 24th

Entry fee \$35.00 Community
\$30.00 UVic
Student/Staff/Faculty

Registration Deadline Jan 18th, 4:30pm

UVic 10K Road Race

Sunday Feb 21 - 11:00

Early Entry Deadline Feb 12, 4:30pm

UVic 8K Mountain Run

Sunday March 28 - 10:00am

Early Entry Deadline

Thursday March 25 - 4:30pm

**Garden City 10K Training Clinic
FL93-9**

Beginner and Intermediate Levels

Date: Monday Jan 18, 1993

Time: 5:30 - 7:00pm

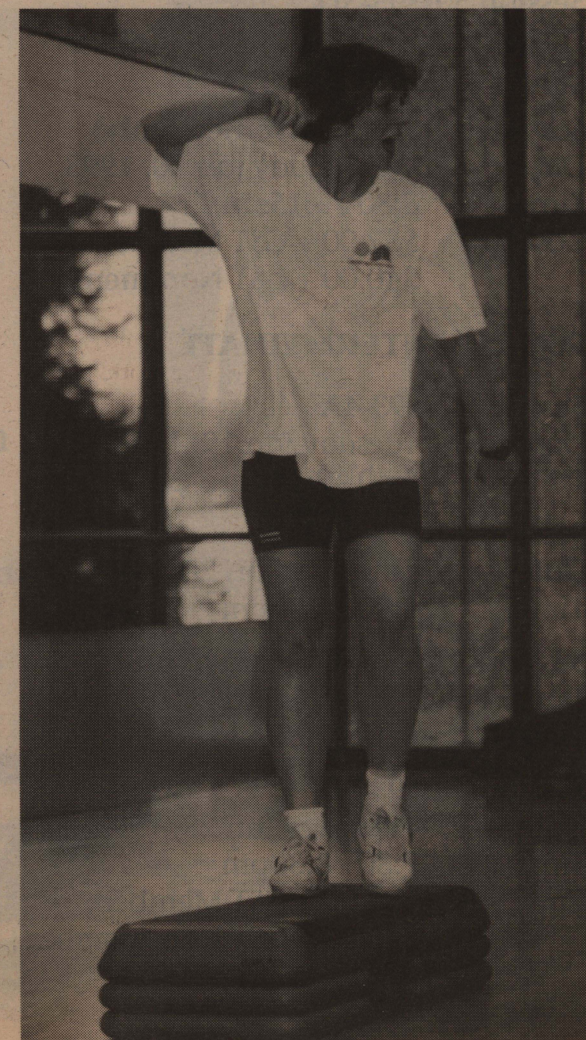
Please refer to the 1992-93 Calendar for registration and refund policies.

THE CANADIAN TREK

Beginning Jan 4 start a journey across Canada choosing any aerobic activity to earn mileage points towards your destination. For more information contact Athletics and Recreational Services 721-8406

**OUTDOOR RECREATION
EQUIPMENT RENTALS -****GORDON HEAD COMPLEX**

A variety of outdoor recreation equipment is available for rent at special rates. Call 721-4835 to reserve equipment and for outdoor recreation information.



The UVic Challenge

The UVic Challenge benefits from Finning Ltd

Finning Ltd. is contributing to the growth of UVic in more ways than one. The heavy-equipment company recently pledged \$25,000 over five years to The UVic Challenge Campaign. Finning earth movers are also the equipment of choice of the contractors constructing the University's new Visual Arts building.

"We used to be a big supplier to the forest industry on lower Vancouver Island," says the Corporate Secretary of Finning Ltd. Lyle Norlander. "Now most of our equipment in the Victoria area is being used in urban construction."

It was the link with the forest industry that led to Finning's gift to The UVic Challenge. British Columbia Campaign Vice-Chair Jim Rainer, a Victoria College alumnus and recently-retired Vice-President of Human Resources at Fletcher Challenge Canada Ltd., first approached Finning about the Campaign.

"We were pleased to be involved in The UVic Challenge," says Norlander. "Your

Campaign organizers were aware that we had contributed to both SFU and UBC over the past few years, and wanted UVic to be considered in the same light."

Finning's gift, to commence in 1993, is still undesignated.

The company has no formal policy for its philanthropy. Norlander administers the charitable donations from his Vancouver office and a committee decides which requests are granted.

"Each commitment has to be justified on its own merit," he explains. "In addition to supporting educational, welfare, social, cultural and artistic charities, we're increasingly involved in environmental causes, and we have emphasized a program to counteract drug abuse."

Called "The Power Tour," the program takes world-class B.C. wrestler Chris Wilson into Alberta and B.C. elementary and secondary schools to put on a wrestling display and speak about resisting peer pressure and avoiding substance abuse.

Total continues climbing

Organizers of The UVic Challenge Campus Campaign say its pledges and gifts now total over \$291,700. Those who received pledge forms earlier this fall are reminded that a cash gift made before the end of the year is eligible for a 1992 tax credit.

Faculty and staff members who wish to make their gift through payroll deductions can pledge their donations to a variety of Campaign objectives. For further information, contact Don Jones in the Development Office at 721-7624.

Research/teaching agreement reached with Museum

UVic students and faculty will benefit from a model agreement between the Royal British Columbia Museum (RBCM) and the University signed earlier this month. Under the agreement, the two institutions will explore opportunities for mutually advantageous collaboration in research and teaching. A committee composed of members from both institutions will be formed to determine opportunities for linkage.

There has been an on-going informal connection between the University and museum for several years. Over this time, some scientists employed with the museum as researchers have taught part time at UVic. On the other hand, University instructors have often used the museum's natural history and anthropology collections for teaching purposes. Moreover, the University and museum have joined forces in the past to bring special speakers to UVic.

The agreement is the only one of its kind between the museum and a university. It will enable the two institutions to co-operate in the development of new facilities and resources and

will enhance their abilities to share those currently existing, states Bill Barkley, Executive Director of the museum. "It is a very general agreement so the potential is there to look at a variety of opportunities."

Barkley notes that he would particularly like to see some practicum arrangements for UVic education students arranged through the museum.

There is already a particularly close working relationship between the RBCM and the Cultural Resource Management Program (CRMP) based in the Department of History in Art. "It was actually out of this experience that the idea of a formal agreement developed," explains Martin Segger, CRMP academic adviser and a former RBCM staff member.

The University Art Collection has also benefited. As the RBCM has rationalized its ethnological collection, some significant items of Inuit and West Coast contemporary aboriginal art have been transferred to UVic's academic study and exhibition collections housed in the Maltwood Art Museum and Gallery.

Social work graduate Magee Miller returns as harassment advisor



Miller

BY DONNA DANYLCHUK

When she found career advancement closed to her when she was a film editor at CBC, because, she was told, 'you're a woman. It's important to advance a man with a family,' Magee Miller left the corporation. It was in Toronto in the mid 1970s.

Miller taught a lifeskills program and for a year worked with immigrants to Canada from Jamaica, the Caribbean and other parts of the world. "It was a fascinating mixture of people," says Miller. "I found I really liked dealing with people, so I decided to go into social work and I moved to Victoria." After obtaining her bachelor of social work degree from UVic in 1981, in a program designed for rural generalists, Miller has worked with people ever since, moving by choice to challenging positions in some of the outermost postings held by social workers in the province.

Now she is back, looking at the University from a different vantage point as the University's recently-appointed full-time harassment advisor working in the Equity Office.

Miller describes herself as a "gypsy life" and the experiences she has accumulated in her profession have left her with the realization that even civilized institutions, such as UVic, are not perfect. "As a social worker I don't have the illusion that the place is rosy. I've seen it all. I've seen how people struggle in their lives," she says. Miller has travelled widely throughout Europe and Asia. She attributes her tendency to travel to being the child of an airforce family.

Miller is aware that some people at UVic are uncertain of the roles of the harassment advisors, and she wants "not to be seen as thought police. Our role is to look at the environment that is being created at UVic. As the Policy [on Harassment] states, our role is to promote a healthy academic and work environment."

Her first posting after gaining her undergraduate degree was in Fort St. John, B.C. where she worked for a non profit society and developed programs for juveniles, and co-ordinated programs for children with behavioural problems. "It was a wonderful opportunity," she says. Ready to explore with her kayak, Miller moved from Fort St. John to live in the Queen Charlotte Islands, where she worked as co-ordinator and executive assistant of Home Support Services for the Queen Charlotte Islands Health Care Society.

Miller moved to Vancouver to earn her masters of social work degree from UBC in 1986, and next she worked as psychiatric social worker through the Ministry of Health, in North Vancouver. She then went to Baker Lake in the Keewatin region of the Northwest Territories, where she was superintendent of social services. She is candid discussing her experiences in Baker Lake. "It was a shock to say the least...I found it very difficult for a single woman. The weather, the travelling, flying in planes that shouldn't fly, to remote communities...taxed all my resources. But, I found the people generally very helpful and friendly."

Miller's next challenge was in Yellowknife, where she set up a social work department at a 120-bed acute and chronic care hospital. She designed and implemented an Employee Assistance Program so that hospital staff and their families could access in-house counselling services and/or referrals to territorial addiction and psychiatric services. Among the topics covered by in-service education for staff were team building, communication, AIDS, grieving, creativity, human perspective and values clarification. "I loved it. It was the best job I've ever had," she says of the Yellowknife experience.

Being dedicated to her jobs ("My career has been my life") has never meant for Miller that she does not move on when the time is right. "I leave jobs that I love. I like learning. I like being challenged, stimulated."

Last year Miller was on Gabriola Island in a diploma in counselling program that she has participated in since 1986.

Her new position at UVic is a timely challenge for Miller, who now wants to live in Victoria where she has immediate family. Of the harassment that can occur at universities, she says: "Harassment is about power, not necessarily about sex. It'll be interesting to see whether women bring different values in regard to power, as they increasingly enter managerial positions."

"People who are sure within themselves don't need power over someone else. But, other people want to dominate, to create power, to have control over another person" Miller has observed.

After 13 years away from UVic she says she still has all the fondness for the University she carried as a student. In agreeing to be interviewed, she said she would like people to know that she is here. "I would like both women and men to feel comfortable coming forward to utilize the office appropriately," she says.

Workshop helps build confidence

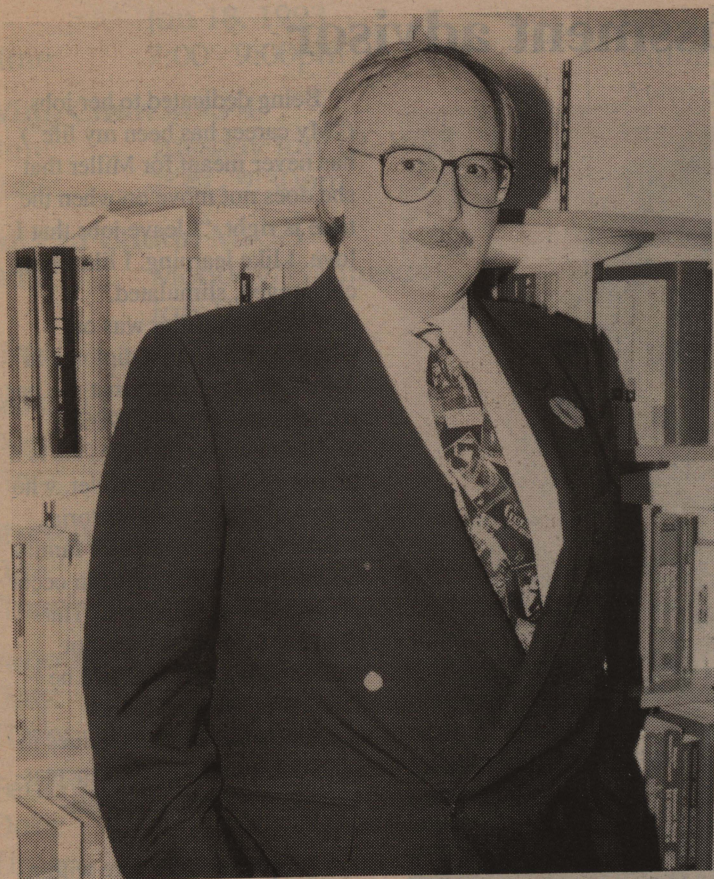
Fifteen new faculty members attended a two-day pilot workshop at Dunsmuir Lodge funded by the Vice President, Academic, Nov. 12 and 13. The workshop began by defining teaching and learning, then moved into practical tools and skills with sessions on class planning, course design and public speaking.

Participants were from a variety of faculties. "It was a great confidence builder for new faculty," says Dr. Andy Farquharson (Social Work and Learning & Teaching Centre), who was the resource person with Dr. Joe Parsons (Counselling). "It was a good opportunity for them to express their concerns about teaching and to share these with others."

In an evaluation all participants agreed that the sessions were very beneficial. "The most important message that came across," says Farquharson, "is that teaching is very, very important at UVic and the University understands that sessions like this will be of benefit in the long-term by producing better teachers, better learners, and a campus devoted to on-going learning."

A second workshop is planned for reading break in February. Faculty interested in attending should contact their Chairs or Directors.

Public admin. grads will influence economy, says Director



BY TANIA STRECHENIUK

Students of UVic's School of Public Administration are going to play an important role in shaping the future of British Columbia's economy, predicts Dr. James McRae, the School's new Director. McRae was appointed in July to a five-year term succeeding Dr. John Langford. He expects UVic graduates to lead the way as the public sector adjusts to the new realities of the B.C. economy.

"Policies affecting the growth of B.C. and the way governments manage themselves are changing," says McRae. "This province is just going to explode, and new opportunities in govern-

ment regulation and management are going to be phenomenal. We are doing an excellent job training our students so that B.C.'s future is not going to be a wild west show of chaotic growth."

"Government is such an important part of the economy," he continues. "Expenditures by the federal, provincial and municipal levels of government now exceed 50 per cent of the country's gross domestic product. When the role of crown corporations and the not-for-profit sector is added, it becomes obvious that public sector management and policy develop-

ment skills have been, and will continue to be, critical to the efficient and effective functioning of the economy and Canadian society more broadly."

UVic offers the only masters program in public administration in Western Canada. Three eastern Canadian universities—Dalhousie, Carleton, and Queens—also offer MPA programs. Over 80 per cent of UVic MPA graduates end up working in government.

Structural changes within the B.C. economy, including the increasing importance of the service sector, the closer trade ties between the United States and Canada, and the emergence of aboriginal self-government, have increased the need for managers who have the up-to-date knowledge and skills to guide the provincial economy on a path of efficiency and growth, McRae points out.

McRae intends to continue to encourage the co-operative education aspect of the MPA program. "Our purpose is to broaden students' practical knowledge and experience, and co-operative education is the perfect way to do it." For the first time, this year some MPA students will have a work placement in the United States, reflecting the increasing ties between the British Columbian and American economies, he says.

As Director, McRae intends to continue placing a high priority on research, personally and for the School as a whole. "It's important that you strike a balance between research and teaching. The creation of knowl-

edge and the dissemination of knowledge are both equally important. The trick is to have enough time for your research life. In order to be a good teacher you have to keep up to date with your subject matter."

Currently, about 50 students are admitted annually to the masters program, and McRae would like to see that increase by 20 to 30 per cent. He believes that it would be beneficial to increase the number of foreign students admitted to the School (currently two are admitted to the masters program each year) and thereby enrich classes so that all students gain a more diverse knowledge of the way different governments manage their economies. Moreover, McRae wants to allow for growth of the School's most recently created program, the Certificate Program in the Administration of Aboriginal Governments. "Even though aboriginal self-government appeared to be lost with the Charlottetown Agreement, it is not a dead issue," McRae states.

McRae earned his bachelor of arts (honours economics) from UVic in 1968. He then earned a masters (1969) and PhD (1974) in economics at The University of Western Ontario. After 15 years in Ontario, he was happy to return to Victoria to join the School of Public Administration in 1982. Reflecting on his experience in the east, McRae says, "It was good for its time, but it wasn't home. The Windsor-Ottawa area was very rewarding for me to function in academically, partly because it is in the circle of research granting agencies. British Columbia is

becoming an incredibly interesting, academically vibrant area as well."

McRae's expertise in economic policy-making is in the areas of anti-combine legislation, reflecting international trade and investment issues, and in regional economic development, especially policies affecting the growth of B.C. He is the author of over 20 journal articles and research monographs and has consulted extensively within the public sector. He is also author of three books, the most recent of which, *Service Industries in Regional Economic Development*, was published in 1990 by the Institute for Research on Public Policy in Halifax (co-authored by William Coffey).

Since occupying the directorship, McRae has had to reduce his teaching load, but MPA students in his course on institutions and policy in relation to world trade and payments still benefit from his expertise. He will teach a basic economic policy course next semester for new MPA students.

Another priority of McRae's since he became Director is to raise awareness throughout the University community of the School of Public Administration. "The School has established a really good national—and in some ways international—reputation, but we are just not well enough known here on campus. I want everyone at UVic to know who we are, what we do, and what our successes are. It's really important that the various faculties of the University understand each other."

Physics student wins top prize at national conference



Carolyn Smyth, fourth-year honours physics student, has received the award for top paper presented to a national conference of undergraduate university physics students.

At the 28th Canadian Undergraduate Physics Conference, held in Ottawa Nov. 4 to 8, Smyth received first prize for her paper concerning the study of decays from B Mesons. She wrote the paper as a co-op work term report following her summer 1992 work term at the CERN (European Centre for

Nuclear Research) laboratory in Geneva, Switzerland.

"It was a shock," says Smyth of her reaction to hearing she had won the award. The news was announced before approximately 125 physics students from across Canada who attended the banquet dinner where the guest speaker was 1971 Nobel Prize winner, Dr. Gerhard Herzberg.

At CERN, Smyth explains, she was using a software program which concerns particle decays. The software was designed by a group at the

University of Lund, Sweden, to simulate processes which are studied at particle physics labs worldwide. The software is custom-modified for use with the OPAL (Omni-Purpose Apparatus for LEP) detector which resides on the Large Electron Positron (LEP) ring at the CERN laboratory.

The software package was a working simulation of what was created in the LEP (large electron positron) collision tunnel where bunches of two types of particles—electrons and positrons—were accelerated at a speed very close to the speed of light and collided.

Smyth was working in Geneva under the direction of her supervisor, UVic adjunct professor Dr. Janis McKenna, a member of the UVic nuclear and particle physics group. Since 1990 the group, which includes about 25 researchers including faculty, research associates and graduate students, has joined with other collaborators from UBC and from central Canada working with the OPAL Collaboration at CERN.

"It was wonderful to be there," Smyth says of her CERN experience. It was in Geneva that Smyth met other graduate students who told her about the national conference and encour-

aged her to attend.

She became eligible to attend by sending in an application, a small fee, and agreeing to present either a paper, a talk, or do a poster. As well as submitting her award-winning paper Smyth gave a talk, based on her summer work term experience, titled *The Role of Tiny Quarks in Big Science*. She presented the talk directly after listening to a talk by 1988 Nobel Prize winner, Dr. Leon M. Lederman, Director Emeritus of the Fermi National Accelerator Laboratory.

Smyth sparkles with enthusiasm when talking about the

conference. The only student from UVic to apply for attendance this year, Smyth says she is "absolutely" in favour of "recommending that others go."

She expects it will be in Saskatchewan next year but "hopefully UVic will hold it at some point in time." The last time UVic was host of the event was in 1982.

Smyth has "always been interested in the sciences" and decided to concentrate on physics while she was a grade 12 student. Following her expected graduation next May she plans to apply to go to graduate school.

Student banned from UVic

UVic President David Strong has informed a student, accused of making a death threat to a faculty member, that he is not permitted to re-register for any course work at UVic until July 1, 1993. Except for attendance at the University Health Services, the student cannot come back on campus without the written approval of the Vice-President Academic and Provost. The student, who has since withdrawn from the University, was notified of this decision in a double registered letter sent Nov. 27, 1992.

UVic's Vice-President of

Administration, Trevor Matthews, who is responsible for safety and security on campus, engaged Victoria lawyer James S. Carfra, Q.C. to review concerns raised by the student's behaviour. This review, along with additional information provided by other members of UVic's administration, led to Strong's decision.

Should the student wish to return to UVic after July 1, 1993 to complete his degree requirements, he must meet certain conditions and obtain the written permission of the Dean of Fine Arts and the Vice-President Academic and Provost.

BY DONNA DANYLCHUK

Preserve quad, asks senator

Preserving open space in the University quadrangle between the Cornett, Clearihue and McPherson Library buildings was a concern at Senate on Dec. 4.

"It would be unfortunate to lose that space," Senator Dr. Ted Wooley (History) said. "The space is part of a centre core space that most universities do their best to protect."

Wooley's comments were sparked by publication of a campus development map in this fall's Sept. 4 *Ring*. On this map, showing new buildings and expansions for the next five years, the model of the proposed new classroom/office building is positioned in the quad.

"Can this decision be altered?" Wooley asked Vice-President Administration Trevor Matthews who was attending in the Senate gallery to answer questions regarding the report of the committee on campus development.

"Can you assure us, Mr. Matthews, that the decision will be re-considered by the campus development committee?" Wooley continued.

"Will you introduce a more public process...over this issue? It's extremely important. Otherwise, some of us will complain or appeal.

"If you're willing to have this re-consideration, when will it occur?" Wooley inquired.

Matthews replied, "There is no decision to re-consider because no decision has yet been taken." The map in *The Ring*, he said, was not a final document, but showed "where buildings might go."

"The requirement study committee, when it is put together, will address site considerations," Matthews added.

Matthews told Senate that the original design of the campus was for the centre quadrangle of campus to be a main corridor and buildings were to be placed around that corridor.

He told Senate that "I will report to the campus development committee the interest in the issue of the siting of the classroom office block is alive and well at Senate."

Matthews also said, addressing Senator Reg Mitchell (Chemistry) that "at the risk of being impertinent, do you realize that this is your second last chance [to ask about the tunnel which Mitchell has been requesting to have constructed between Clearihue and University Centre for graduate processions]?"

"You did promise the tunnel will go on the list. I realize we are not going to get it in your lifetime as Vice President," Mitchell said, adding a request that Matthews "inform your successor" of the request.

"Not only that...I will file plans for the tunnel with Univer-

sity Archives," Matthews responded.

Senators concluded the discussion of campus development by voting for a motion to be sent to Campus Development, with a copy to the Board of Governors, requesting that the space between the Clearihue and Cornett Buildings in front of University Centre not be used as a building site.

Changes to mature student entry scrutinized

The conditions under which mature students will be admitted to UVic was intensely debated at a regular meeting of Senate on Dec. 2 when a motion to change the mature student entry in the University Calendar was brought to the floor. At the close of debate Senate voted to postpone any action on the motion.

The Calendar entry for mature students now in effect states:

"The University of Victoria is most willing to assist persons who are at least 21 years of age (prior to the beginning of the session applied for) to complete their higher education even though they may not possess formal university entrance requirements. Under the direction of the Senate Committee on Admission and Re-Registration, Admission Services deals with applications from mature persons on an individual basis. Applicants who have attempted 12 units or equivalent of university level courses are not eligible to apply under this regulation."

The Committee on Admissions and Re-Registration and the Committee on Academic Standards proposed that a grade point average requirement of 2 (60 per cent) on courses attempted by a mature student during the five years before applying to UVic be introduced, and that applicants be at least 23 years of age. "Students who do not meet these requirements," states the proposed Calendar entry, "may wish to consider taking courses elsewhere to improve their grade point average before submitting their application."

Senator Olivia Barr spoke against the request for proof of age. Referring to the changing society and the number of women returning to higher education, she said it could be insulting to ask for proof of age.

Student Senator Claire Heffernan spoke against including the 2 g.p.a. requirement in the new Calendar entry, and moved that the motion on the floor be amended to delete the requirement. "I am very concerned about restricting this category," said Heffernan, who brought to Senate copies of the mature student requirements

from UBC, SFU, Carleton, McGill and Malaspina College. "None of the other calendars mentioned call for a g.p.a.," she said.

Heffernan brought statistics to Senate to show that this year, of 347 mature students who applied, only 194 had finally registered, and that in the last three-to four-years the figures have remained at these levels.

Dean of Social Sciences Louis Costa (Psychology), speaking in support of the proposed g.p.a. requirement, gave some background to enrolment limitations. He said it had been agreed that the proportions of each group of students would be maintained and that the same proportion of direct entry, transfer and mature students would be admitted—otherwise one group might have better access than another. "It's quite understandable that, at times of limited access, people would argue for preferred access for certain groups," he said. But, "with regard to mature students, we have no way of knowing in future what the needs of mature students may be."

Senator David Leeming (Mathematics), Chair of the Committee on Admission and Re-registration, said the proposed new requirements resulted from the number of appeals and was a guideline for the mature students and Admission Services to avoid appeals.

Student senator Kim Recalma-Clutesi argued against the proposed new entry. "I think we should look at this very carefully. I'm not in favour of [the change]," she said, noting that mature applicants who were turned down often would not appeal that decision. "I'm concerned about native students particularly," she said.

Senator Reg Mitchell (Chemistry), Chair of the Committee on Academic Standards, said that a g.p.a. of 2 "is not very demanding.... We do have to have some standards."

Senator Rennie Warburton (Sociology) said he "would like to support the arguments of Ms. Heffernan and Kim Recalma-Clutesi. Dr. Mitchell's remarks are couched entirely in universalities. I believe this clause discourages people...Potential students who are minorities will be discouraged."

Senator Dr. Paul West said he was concerned about the proposed new entry in the Calendar. "I don't think you can really advise people to meet a requirement unless you are going to enforce that requirement in a very even-handed fashion.... We are really enticing students who have failed a course to go away and take courses elsewhere."

Senator Alan Hughes, Acting Dean of Fine Arts, said, "We in Fine Arts offer courses to native students in creative writing. I can assure you, if these provisions were enforced, we would not have these students."

Senator Kevin Paul suggested that what is needed is another category to deal with students in special access groups, and suggested that Senate instruct the Academic Standards committee to look at another category.

Senate voted against the motion to delete the requirement for a g.p.a. of 2 from the proposed new Calendar entry, and carried a motion by Warburton, seconded by Barr, to delete the proof of age addition.

West asked whether the Committee on Academic

Standards would be able to bring back a suggestion for the special access students and Mitchell said this could be done in time for the Calendar supplement.

Senate carried a motion by Warburton, seconded by Heffernan, that the item be postponed until Senate had time to consider a further report of the Committee on Admissions and Re-Registration and the Committee on Academic Standards on the question of a further special access or adjudicated student category.

Government members visit

Five B.C. government MLAs visited the UVic campus on Nov. 25 to hear from several faculty and staff about some of the programs and activities being undertaken by the University. They were Gretchen Brewin (Victoria-Beacon Hill), Leonard Krog (Parksville-Qualicum), Harry Lali (Yale-Lillooet), Margaret Lord (Comox Valley), and Shannon O'Neill (Shuswap). Par Sihota of the Government Caucus Communications Office, and Charlie Beresford, Health

Minister Elizabeth Cull's executive assistant, accompanied the MLAs.

The visitors were welcomed by UVic President David Strong, who led the MLAs to FHSD room A264 for a morning briefing. The group then made its way to the Faculty Club for a luncheon hosted by UVic Board of Governors Chairman Doug Enns. As well, the MLAs were given a short tour of the UVic facilities and construction projects being prepared for the 1994 Commonwealth Games.

Gazette

The Board of Governors reports the following proceedings from the regular meeting of the Board of Governors held on November 16, 1992, effective as shown.

NEW APPOINTMENTS - FACULTY

James Bishop, B.Sc. (UBC), Sc.D. (Mass. Inst. of Tech.), appointed Professor, School of Earth and Ocean Sciences, effective July 1, 1993.

W. Michael Brooke, appointed the first Dean of the Division of University Extension, effective July 1, 1992 to June 30, 1997.

Inez Fung, S.B., Sc.D. (Mass. Inst. of Tech.), appointed Professor, School of Earth and Ocean Sciences, effective July 1, 1993.

Lynda Gammon appointed Acting Associate Dean of Fine Arts, effective October 1, 1992, to June 30, 1993.

NEW APPOINTMENTS - ADMINISTRATIVE AND ACADEMIC PROFESSIONAL STAFF

Simon G. Churchill, B.A. (UVic), appointed Programmer/Consultant, Library/Admin., effective September 8, 1992.

Barbara Clough, B.Sc. (McGill), Dip. Ed. (Western Ont.), M.A. (UBC), appointed Executive Assistant, Centre on Aging, effective September 21, 1992.

Carol Frank, B.F.A. (UBC), appointed part-time Program Assistant, Cultural Resource Management and Fine Arts Program, Division of University Extension, effective September 1, 1992 to March 21, 1993.

Anna Gardziejewska, B.A. (U of Man.), appointed Records Officer, Records Services, effective November 1, 1992.

Karen Hodgson, B.F.A. (York), M.V.A. (U of Alberta), appointed Distance Education Specialist, Graphic Design, Division of University Extension, effective October 1, 1992.

Robert G. Menear, B. Mus. (UVic), appointed Admission/Liaison Officer, Admission Services, effective September 21, 1992.

Evelyn C. Shaw, B.C. (UVic), appointed Program Assistant, Department of Co-operative Education Programs, effective October 5, 1992.

Tim Smith, appointed Local Area Network Administrator, Division of University Extension, effective September 1, 1992.

REAPPOINTMENTS - FACULTY

Graham R. Branton, Associate Professor, Department of Chemistry, reappointed Director of Co-operative Education Programs for the period July 1, 1992 to June 30, 1997.

SPECIAL APPOINTMENTS

Marilyn Brown, Program Assistant, Division of University Extension, appointed Acting Senior Program Assistant, Health Sciences, Division of University Extension, effective November 1, 1992 to June 30, 1993.

Barbara Courtney Smith, Senior Program Assistant, Division of University Extension, appointed Acting Program Coordinator, Health Sciences, November 1, 1992 to June 30, 1993.

RESIGNATIONS AND RETIREMENTS

Sheila Brygadyr, Admission/Liaison Officer, Admission Services, 28 September 1992 (resignation).

Marc Gaucher, Coordinator of Resident Student Affairs, November 30, 1992 (resignation).

David Hultsch, Chair, Psychology, 31 May 1992 (Professor Hultsch will continue to hold his position as Professor in Psychology).

Nathan Kushnir, Catering Coordinator, Food Services, 18 September 1992 (resignation).

Arthur Olson, Chair, Department of Communication and Social Foundations, June 30, 1992 (Professor Olson will continue to hold his position as Professor in the Department of Communication and Social Foundations).

Leslie H. Peake, Associate Professor, School of Physical Education, 31 December 1992 (early retirement).

Calendar

ALL EVENTS ARE FREE UNLESS OTHERWISE INDICATED. SUBMISSION DEADLINE FOR THE NEXT ISSUE IS JANUARY 8.

A ATHLETICS **E** EXHIBITIONS **F** FILMS **L** LECTURES **M** MUSIC **R** RECREATION
T THEATRE **W** WORKSHOPS & CONFERENCES **O** OTHER

Continuing

O 12:30 p.m. Muslim Prayers. Every Friday. Interfaith Chapel. Info 721-8338.

O 4:00 p.m. Islamic Teaching Series. Last Sunday of every month. Interfaith Chapel. Info 721-8338.

Friday, December 11

L 1:30 p.m. *Awareness of Memory Deficit in Alzheimer's Disease Patients and Memory-Impaired Older Adults*. Denise Dias Correa, Oral Exam for the Degree of Doctor of Philosophy. Cornett A228. Info 721-7970 (Graduate Studies).

F 2:30 & 7:00 & 9:25 p.m. *It's a Wonderful Life* (USA, 1946) Frank Capra. \$3 matinee, \$3.75-\$5.75 at door. SUB Theatre. Info 721-8365.

L 4:00 p.m. *Patient Variability, Staging and Brain-Behaviour Relationships in Alzheimer's Disease: Implications from Neurocognitive and Neurophysiological (SPECT) Measures*. Dr. Allen Dobbs, U. of Alberta. Cornett A228. Info 721-7525 (Psychology).

Saturday, December 12

M 8:00 p.m. *The Civic Orchestra of Victoria*. Sponsored by Thrifty Foods & the Victoria Foundation. \$8 at UVic Ctr. box office & others. University Centre Auditorium. Info 658-5659.

M 8:00 p.m. *Old-Time Country Dance*. Marlin Prowell calling. \$4.50-\$6 at door. SUB Upper Lounge. Info 386-4708.

Sunday, December 13

E *Artists and Teachers: A Faculty of Education Retrospective Exhibition 1956-1992*. To Dec. 24. & Jan. 4. - Feb. 7, 1993. Maltwood Gallery. Info 721-8298.

Monday, December 14

L 3:30 p.m. *The Response of a Reservoir Sidearm to Diurnal Heating and Cooling*. Duncan Farrow, U. of Adelaide, Australia. Elliott 060. Info 721-8848 (Ctr. for Earth & Ocean Sciences).

Monday, December 21

L 3:30 p.m. *Invariant Subspaces with Finite Co-Dimension in Hilbert Spaces of Analytic Functions*. Dr. Alexandru Aleman, U. of Tennessee. Clearihue C110. Info 721-7436 (Mathematics).

Saturday, January 2

A 2:00 p.m. *Women's Basketball*. UVic vs. Simon Fraser. \$2-\$5 at door. McKinnon Gym. Info 721-8406.

Sunday, January 3

F 7:00 & 9:20 p.m. *The Commitments* (USA, 1991) Alan Parker. \$3.75-\$5.75 at door. SUB Theatre. Info 721-8365.

Monday, January 4

F 7:00 & 9:35 p.m. *The Sheltering Sky* (GB/Italy, 1990) Bernardo Bertolucci. \$3.75-\$5.75 at door. SUB Theatre. Info 721-8365.

Tuesday, January 5

F 7:00 & 9:25 p.m. *Raise the Red Lantern* (PRC/Hong Kong, 1991) Zhang Yimou. \$3.75-\$5.75 at door. SUB Theatre. Info 721-8365.

Wednesday, January 6

F 7:10 & 9:15 p.m. *Glengarry Glen Ross* (USA, 1992) James Foley. \$3.75-\$5.75 at door. SUB Theatre. Info 721-8365.

Thursday, January 7

F 7:10 & 9:15 p.m. *Glengarry Glen Ross* (USA, 1992) James Foley. \$3.75-\$5.75 at door. SUB Theatre. Info 721-8365.

Friday, January 8

F 2:30 & 7:10 & 9:20 p.m. *Husbands and Wives* (USA, 1992) Woody Allen. \$3 matinee, \$3.75-\$5.75 at door. SUB Theatre. Info 721-8365.

A 6:30 p.m. *Women's Basketball*. UVic vs. Lethbridge. \$2-\$5 at door. McKinnon Gym. Info 721-8406.

A 8:15 p.m. *Men's Basketball*. UVic vs. Lethbridge. \$2-\$5 at door. McKinnon Gym. Info 721-8406.

F 11:30 p.m. *Innocent Blood* (USA, 1992) John Landis. \$3.75-\$5.75 at door. SUB Theatre. Info 721-8365.

Saturday, January 9

F 2:30 & 7:10 & 9:20 p.m. *Husbands and Wives* (USA, 1992) Woody Allen. \$3 matinee, \$3.75-\$5.75 at door. SUB Theatre. Info 721-8365.

A 6:30 p.m. *Women's Basketball*. UVic vs. Lethbridge. \$2-\$5 at door. McKinnon Gym. Info 721-8406.

A 8:15 p.m. *Men's Basketball*. UVic vs. Lethbridge. \$2-\$5 at door. McKinnon Gym. Info 721-8406.

F 11:30 p.m. *Innocent Blood* (USA, 1992) John Landis. \$3.75-\$5.75 at door. SUB Theatre. Info 721-8365.

C 7:30 p.m. *Fitness Through Running: Weight Loss Without Diet*. Clearihue A303. Info 383-4224 (Linda Parker).

Wed. January 13

L 7:30 p.m. Regular RASC meeting. Dr. Peter Garnavich. Elliott 061. Info 721-3803 (Skynews).

L 8:15 p.m. *Gates of Harmonious Interest: Past and Present in Victoria's Chinatown*. Dr. David Chuen-Yan Lai, UVic. Begbie 159. Info 592-5509 (University Extension Association).

Friday, January 15

A 6:00 p.m. *Women's Volleyball*. UVic vs. Alberta. \$2-\$5 at door. McKinnon Gym. Info 721-8406.

A 8:15 p.m. *Men's Volleyball*. UVic vs. Alberta. \$2-\$5 at door. McKinnon Gym. Info 721-8406.

Saturday, January 16

A 6:00 p.m. *Women's Volleyball*. UVic vs. Alberta. \$2-\$5 at door. McKinnon Gym. Info 721-8406.

A 8:15 p.m. *Men's Volleyball*. UVic vs. Alberta. \$2-\$5 at door. McKinnon Gym. Info 721-8406.

Retirees to meet

At least 120 campus people who have retired have agreed to form an association. Their president is Barbara McIntyre, secretary Marion Marcus, treasurer Peter Darling, program convenor Dr. Norma Mickelson, and committee members are Dr. Howard Petch, Bill Bender, Betty Kennedy and Harry Hickman. The first social gathering of members and their spouses will be held in the Faculty Club fireside lounge on Tuesday, Jan. 19 from 2 p.m. to 4 p.m. To celebrate the 90 birthday of Victoria College and the 30th anniversary of the founding of the University of Victoria, Robert Wallace will reminisce about College days of 60 years ago, and Arthur Saunders will recall how it was 30 years ago. Other retirees who wish to belong are encouraged to telephone Betty Kennedy, 592-2070 or Harry Hickman, 477-5646.

World leaders in electronic arts coming to UVic

Pioneers in the fields of virtual reality, artificial intelligence, "cyberpunk" science fiction, computer music, animation, and other electronically based arts are being brought to UVic to participate in Image•Sound•Text, an arts and technology symposium sponsored by the Faculty of Fine Arts and organized by Dr. Andy Schloss (Music) and Associate Professor Lynda Gammon (Visual Arts).

In January 1992, UVic opened the Laboratory for Extended Media in the new Fine Arts Building. This classroom/laboratory facility was established jointly by the faculties of Engineering and Fine Arts with a substantial donation of hardware from Sun Microsystems. It includes 18 UNIX-driven SUN Sparc workstations as well as IBM and Macintosh computers and software for sophisticated image and sound manipulation.

"The lab is designed to support research and teaching across the Faculty and to serve as a resource for artists involved in computer technology," says Gammon. "By bringing these leaders in the electronic arts to campus, we hope not only to celebrate the beginning of the new Fine Arts lab but to stimulate creative experimentation with its technological resources as well."

Among the distinguished participants to present lectures, demonstrations, and performances are:

• **Jaron Lanier**, founder of the field of virtual reality, CEO of VPL Research Inc., developer of many of the central innovations in the field including glove input devices and networked head-mounted display systems.

• **William Gibson**, of Vancouver, award-winning author of the science fiction novels *Neuromancer* and *Mona Lisa Overdrive*, who is credited with starting the "cyberpunk" movement in contemporary fiction.

• **Max Mathews**, Professor of Music at Stanford University's Center for Computer Research in Music and Acoustics, and developer of the first computer sound synthesis languages and creator of programs and devices for conducting synthesized music electronically.

• **Tony Brown**, Professor at the University of Ottawa and the Ecole des Beaux Arts de Paris, sculptor whose kinetic works both use and comment on electronic technology.

• **Vibeke Sorensen**, Professor at the California Institute for the Arts, innovative video, film, and computer graphics artist who has produced several computer animated simulations of space probes to Mars.

• **Marvin Minsky**, M.I.T. professor and pioneer of artificial intelligence whose contributions as a scientist and author have shaped thinking about the nature of computers and the workings of the human mind.

Schedule of Events

Free and open to the public

Jaron Lanier
Lecture, Wednesday 6 January, 8 p.m.
Concert, Thursday 7 January, 8 p.m.
Phillip T. Young Recital Hall, MacLaurin Bldg.

William Gibson
Reading, Friday 8 January, 8 p.m.
David Lam Auditorium, MacLaurin Bldg.

Jaron Lanier and William Gibson
Discussion, Friday 8 January, 9:30 p.m.
David Lam Auditorium, MacLaurin Bldg.

Max Mathews
Lecture, Wednesday 13 January, 8 p.m.
Concert, Thursday 14 January, 8 p.m.
A concert of new works involving the Mathews Radio Drum. Guest composer/performers David Jaffe, Ami Radunskaya, Mari Kimura and Andrew Schloss.
Phillip T. Young Recital Hall, MacLaurin Bldg.

Tony Brown
Lecture, Wednesday 20 January, 8 p.m.
David Lam Auditorium, MacLaurin Bldg.

Vibeke Sorensen
Lecture/Demonstration, Friday 5 February, 8 p.m.
Room 159 Begbie Bldg.

Marvin Minsky
Lecture, Monday 22 February, 8 p.m.
David Lam Auditorium, MacLaurin Bldg.

Other Special Events

Lecture/Demonstration, Friday 15 January, 1:30 p.m.
David Jaffe and Mari Kimura demonstrate and discuss new music, techniques and technologies for string instruments, including the zeta violin and other innovations.
Location TBA.

Mathematics Colloquium, Thursday 14 January, 3:30 p.m.
Ami Radunskaya, Department of Mathematics, Rice University: *Detecting Randomness in Nature: Differentiating Between Deterministic and Stochastic Chaos*.
Room C110, Clearihue Bldg.

Composition Seminar, Thursday 4 February, 7:30 p.m.
Rand Steiger, Department of Music, UC San Diego, addresses Dr. Andrew Schloss' computer music seminar.
Room B008, MacLaurin Bldg.